Blue & Green Corridors

90% Design Update Community Meeting

To Be Followed By:

Resilient Design Review Committee (RDRC) Meeting at 4pm

House Rules:

1) Thank you so much for joining us virtually! Welcome to the Zoom presentation of the 90% Design Update Community Meeting for **Blue & Green Corridors**.

2) Please keep your computer and/or phone on mute while the presentation is live.

3) Two ways to ask questions:
   - Please use the chat feature to chat us a question at any point during the presentation as they occur to you.
   - Please feel free to also use this number to text questions to the team: (504) 941-0048
   - Questions will be answered at the end of the presentation

4) Visit the Project Website for More information:
   - URL: https://www.nola.gov/resilience-sustainability/ndr-grd-projects-programs/blue-green-corridors/
   - Please fill out our survey by texting "BlueGreen" to 677-873

City of New Orleans
Mayor LaToya Cantrell

Blue & Green Corridors

GENTILLY Resilience DISTRICT

Blue & Green Corridors
90% Design Update Community Meeting
3-4pm

Agenda:

- Presentation

- Questions and Answers with the public

Resilience Design Review Committee (RDRC)
City Meeting
4pm – 6pm

Agenda:
Introductions

(4-4:30pm) 30% Design Update: City Park HMGP
- Presentation by Designers
- Questions and Answers with Committee

(4:35-5:05pm) 90% Design Update: Blue & Green Corridors
- Presentation by Designers
- Questions and Answers with Committee

(5:10-5:40pm) Paul Haven Charter School Green Infrastructure Project
- Presentation by Designers
- Questions and Answers with Committee

(5:45 – 6pm) Comments from the public

Blue & Green Corridors

90% Design Update Community Meeting

July 30, 2020

3-4pm

City of New Orleans
Mayor LaToya Cantrell

Blue & Green Corridors

GENTILLY Resilience DISTRICT

Introductions

Project Team on the Call

Mary Kincaid
City of New Orleans

Natalie Manning
City of New Orleans

Will Bane
Stantec

Brooke Morris
Procella

Other Design Team Members:

Batture LLC	Land Survey, Civil Engineering
Ardurra	Hydrologic and Hydraulic Modeling
Kendall, Inc	Geotechnical Engineering
ILSI Engineering	Civil Engineering and H+H Modeling
Gaea Consultants	Civil Engineering
FedGeek	Outreach
MIG | SvR	Green Infrastructure Design

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GENTILLY Resilience DISTRICT

Stantec

Agenda

1. Background
2. Project Goals
3. Public Engagement
4. Project Update
5. Schedule
6. Questions

Background

Urban Stormwater Planning & the Gentilly Resilience District

- Urban Water Plan (2013)
- FEMA funded Hazard Mitigation Program Grant (HMGP) combination gray and green infrastructure projects
- $141 million National Disaster Resilience Competition (NDRC) funded by US Department of Housing and Urban Development (HUD) = funding for the Gentilly Resilience District

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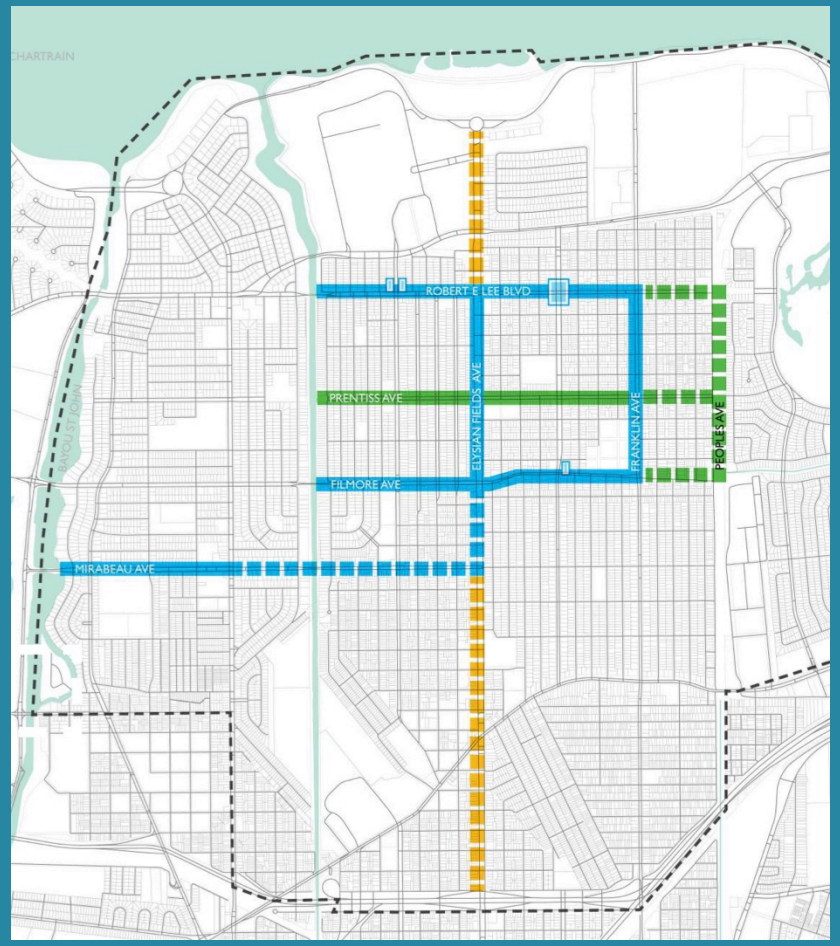
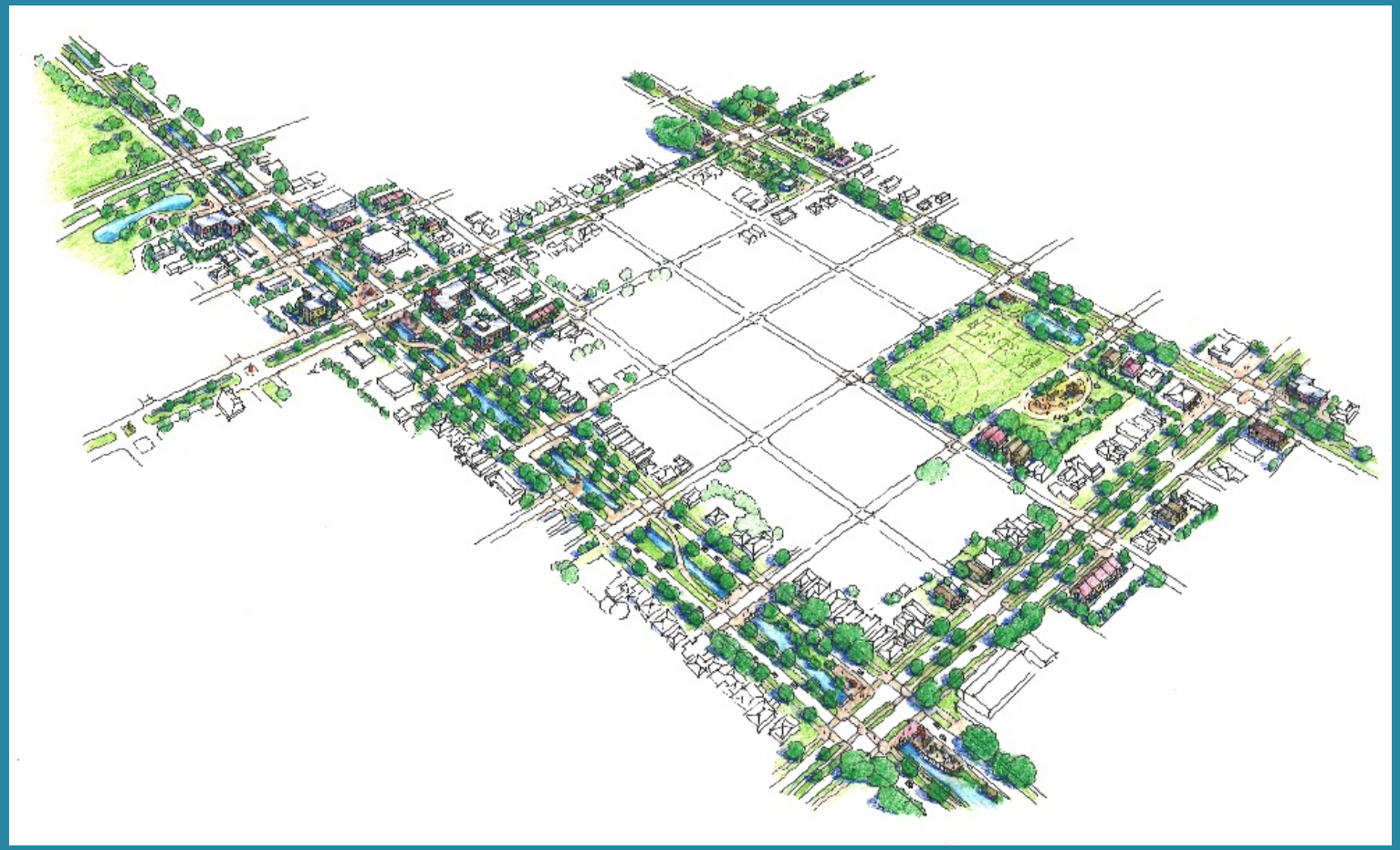
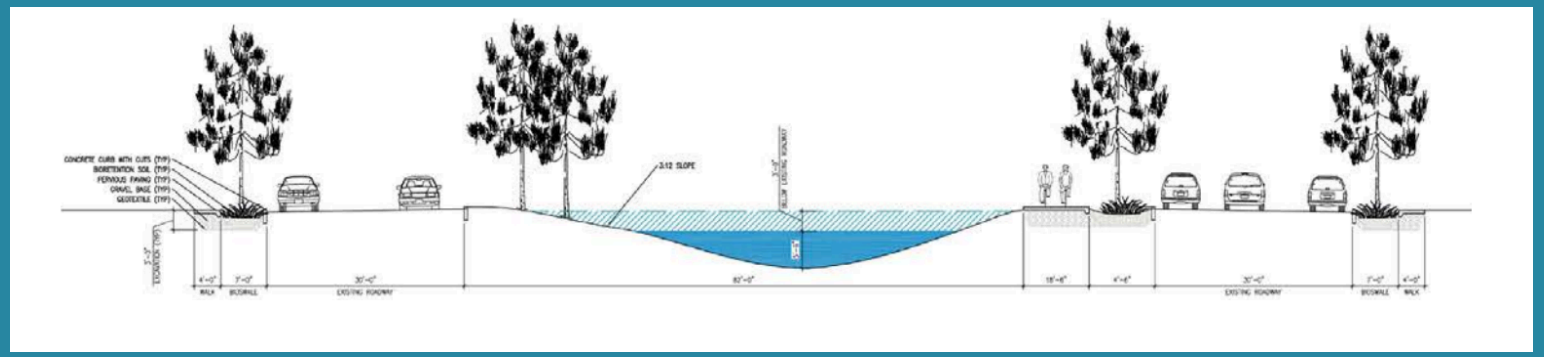
Background

Early Visions







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Project Goals

Urban Water

1. Address flooding
2. Promote infiltration and groundwater recharge

Ecology

1. Increase biodiversity
2. Plant more trees, shrubs & flowers

Infrastructure

1. Create complete street corridors

Economics

1. Drive economic growth through reinvestment
2. Reduce flood management risk

Recreation

1. Provide access to parks
2. Provide active and passive recreation

Public Health

1. Encourage people to exercise more

Urban Heat Mitigation

1. Create shade
2. Reduce and monitor heat island effect

Community

1. Create community destinations for neighborhood gatherings
2. Provide interactive educational opportunities

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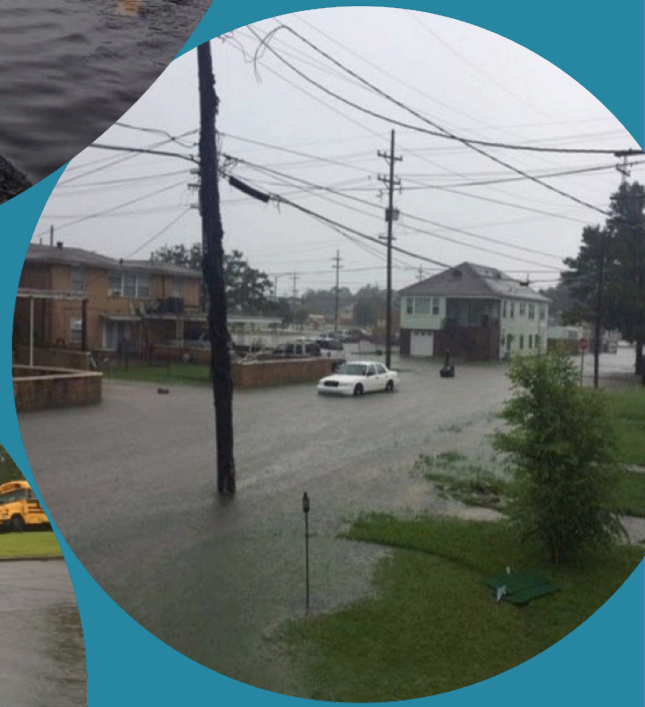
Background

Existing Conditions

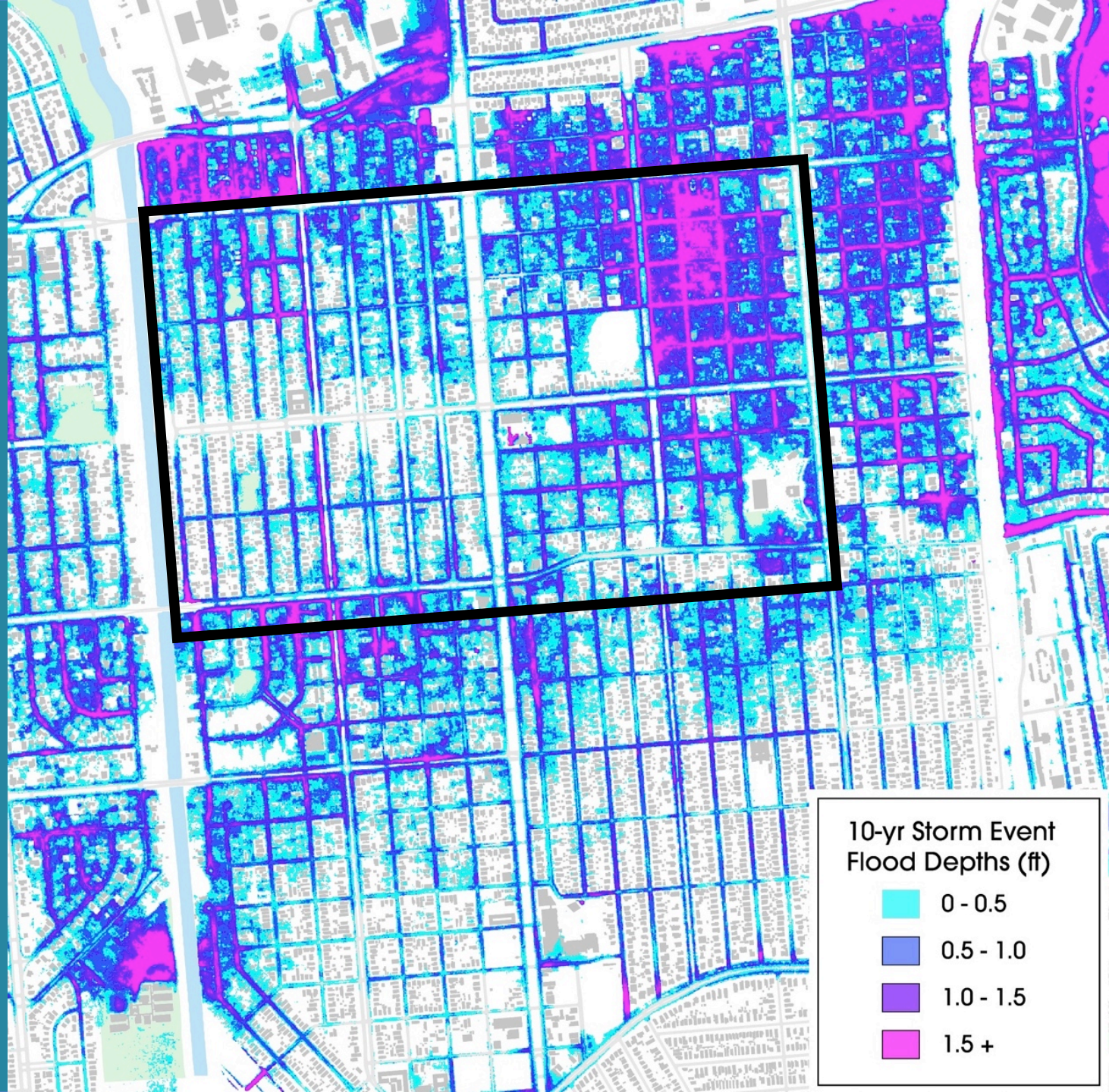
- Infrastructure needs addressing
- Pumping and low infiltration has led to high subsidence rates
- Entire neighborhood drains to Drainage Pump Station (DPS) #4
- Community experiences frequent flooding



Images Courtesy of ISeeChange

Background

Flooding (10-year Storm)



Public Engagement

Thanks for your input!

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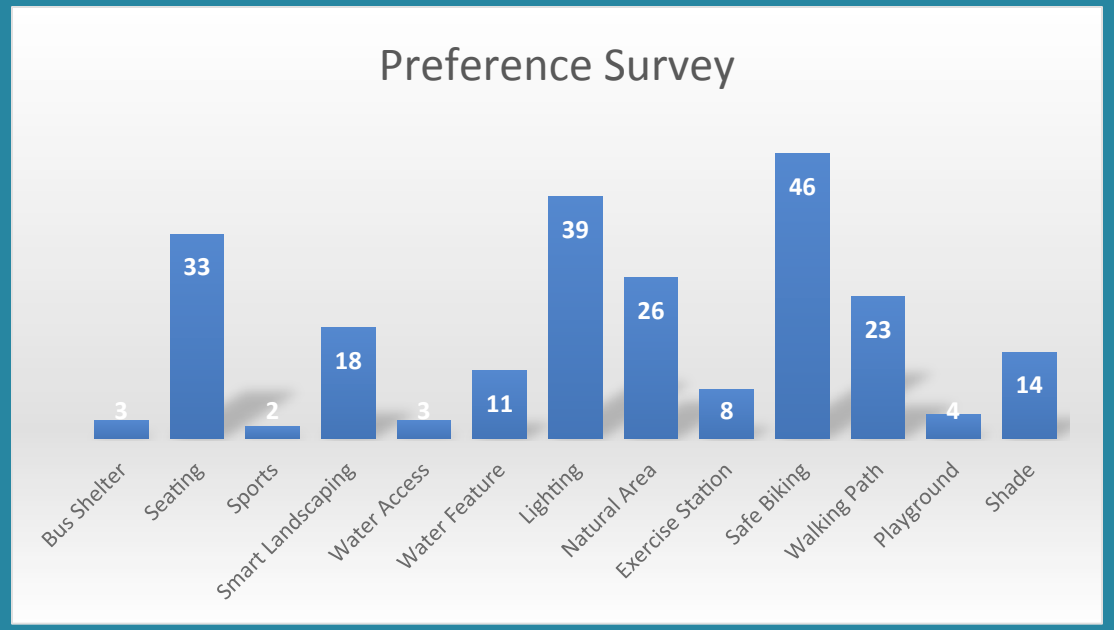
Resilience
DISTRICT

Public Engagement

What We Heard

1. Improve drainage
2. Improve neighborhood landscaping
3. Provide walkablity and bike friendly areas
4. Provide park amenities



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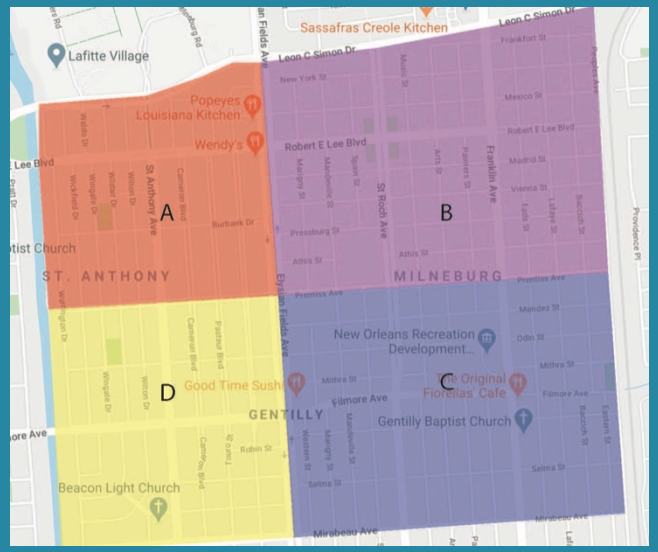
Public Engagement

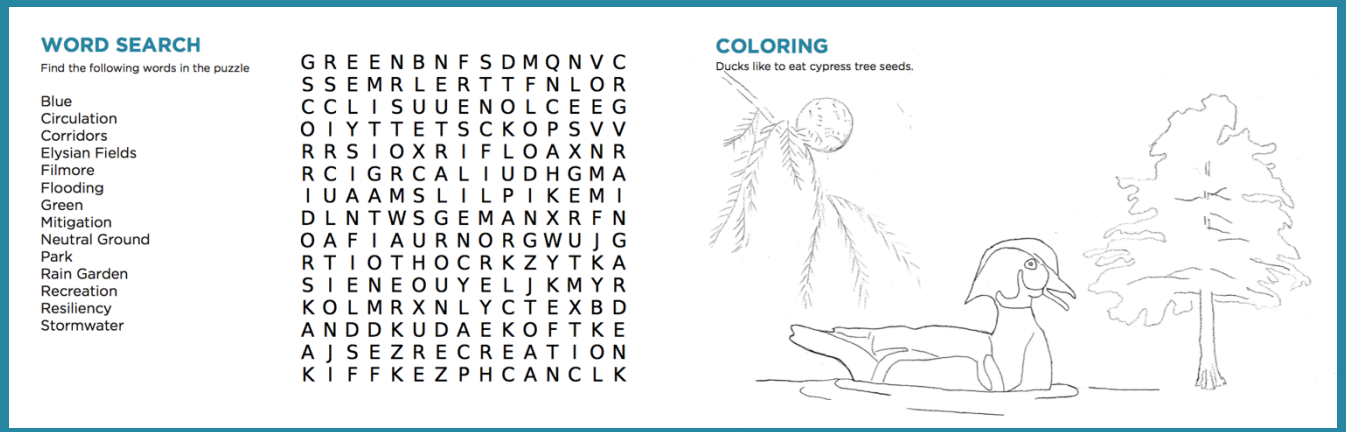
Reaching Out During the Pandemic

Banners in Neutral Ground

Mailing Project Information



Educational Activity Book



WORD SEARCH

Find the following words in the puzzle

Blue
Circulation
Corridors
Elysian Fields
Filmore
Flooding
Green
Mitigation
Neutral Ground
Park
Rain Garden
Recreation
Resiliency
Stormwater

G R E E N B N F S D M Q N V C
S S E M R L E R T T F N L O R
C C L I S U U E N O L C E E G
O I Y T T E T S C K O P S V V
R R S I O X R I F L O A X N R
R C I G R C A L I U D H G M A
I U A A M S L I L P I K E M I
D L N T W S G E M A N X R F N
O A F I A U R N O R G W U J G
R T I O T H O C R K Z Y T K A
S I E N E O U Y E L J K M Y R
K O L M R X N L Y C T E X B D
A N D D K U D A E K O F T K E
A J S E Z R E C R E A T I O N
K I F F K E Z P H C A N C L K

COLORING

Ducks like to eat cypress tree seeds.

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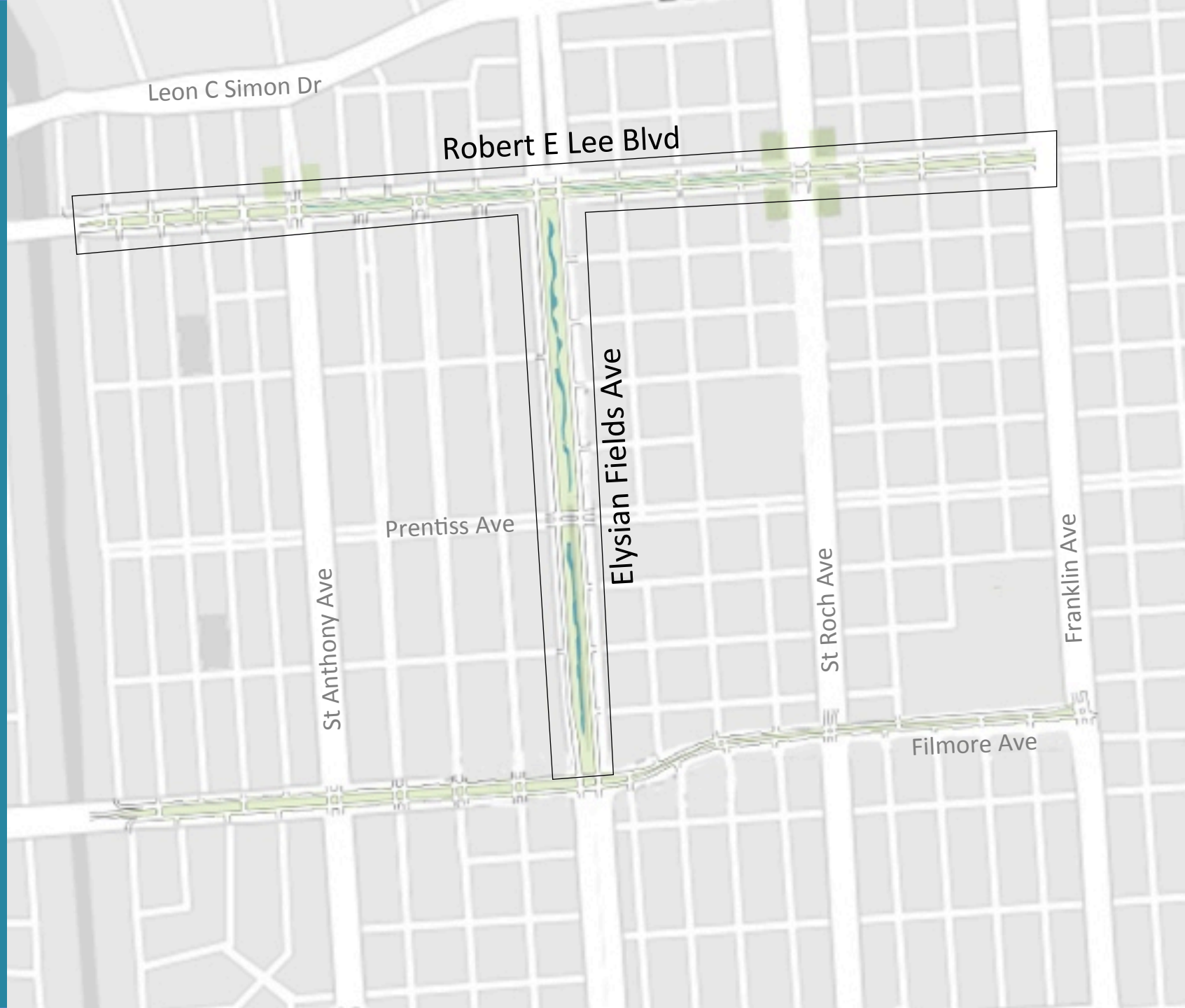
Phase I

Elysian Fields Ave and Robert E Lee Blvd
$22.4 million

Elements:

- Stormwater Storage in Elysian Fields Ave neutral ground
- Running Stream along Robert E Lee Blvd
- Walking Paths
- Curb Bump Outs
- Playgrounds



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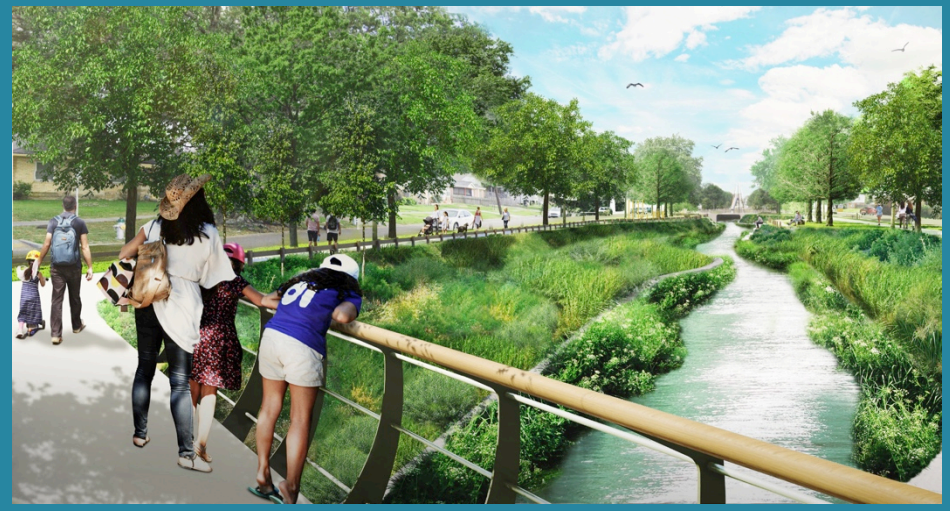
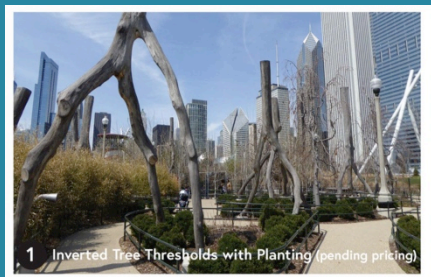
Phase I

Elysian Fields Avenue Neutral Ground



Phase I

Elysian Fields Avenue
Neutral Ground


1 Inverted Tree Thresholds with Planting (pending pricing)


2 Landscape Structures Chimes (all ages)


3 Kompan Medium Rope Tower (ages 5-12)


1 Kompan Trendsetter (ages 2-5)


2 Kompan Double Balance Beam (all ages)


3 Kompan Aldebaran (ages 5-12)


1 Kompan Spinner Bowl (all ages)


2 Slide Hill (single slide, all ages)


3 Kompan Rambler (ages 2-5)


4 Log Play Sculptures (pending pricing)


5 Kompan Cubite (ages 5-12)

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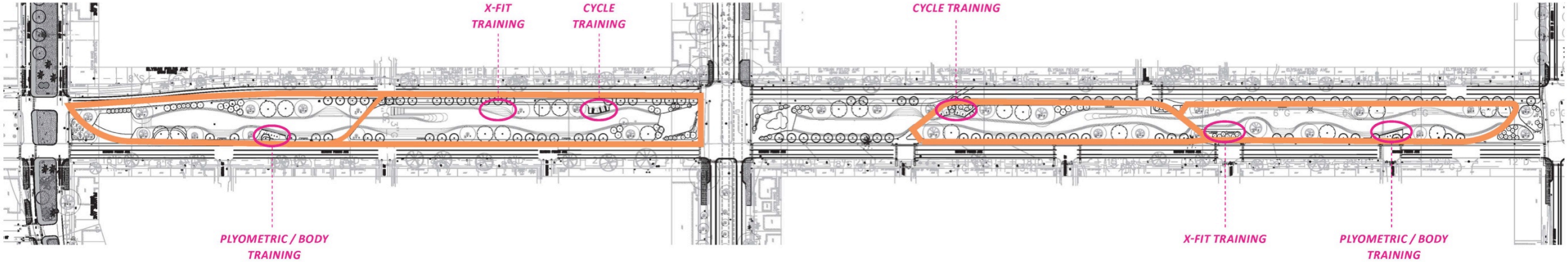
Phase I

Elysian Fields Avenue Neutral Ground



PLYOMETRIC / BODY TRAINING

UPRIGHT ROW
FST105

CHEST PRESS
FST104

SQUAT + SHOULDER
FST103

COMBI STEP - 4 STEPS
FSW219000

X-FIT TRAINING

TRIPLE PARALLEL BARS
FSW210

BENCH
FSW203

MAGNETIC BELLS, SUSPENSION TRAINER & MULTI NET LINK
FAZ20100

CYCLE TRAINING

CROSS TRAINER
FAZ52100

CITY BIKE
FAZ50100

ARM BIKE
FAZ51100

Phase I

Rain Garden Bump Outs

- Improves water quality, promotes transpiration, and enhances the streetscape
- Provides shorter crossing distance for pedestrians, enhancing safety

Phase I

Protected Bike Lanes

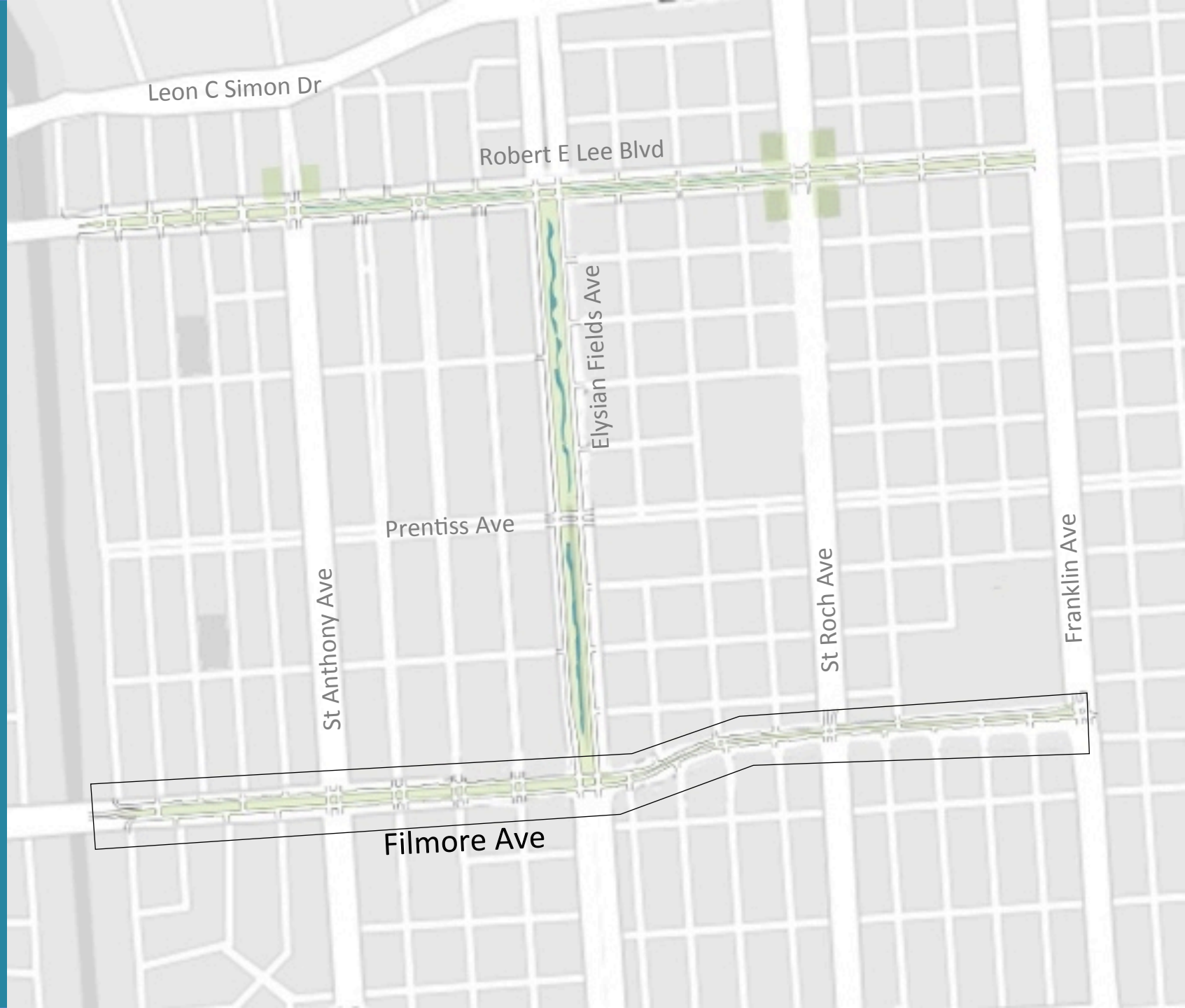
- Protected buffer between driving lanes and bike lane
- Part of **Moving New Orleans**, a multi-modal strategy that is focused on improving the safety, equity, efficiency, and connectivity of the City's transportation network

Phase II

Filmore Ave
$5.6 million

Elements:

- Rainwater Infiltration
- Bike Path Connection
- Streetscape Improvements



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Phase II

Temporary Rainwater Storage

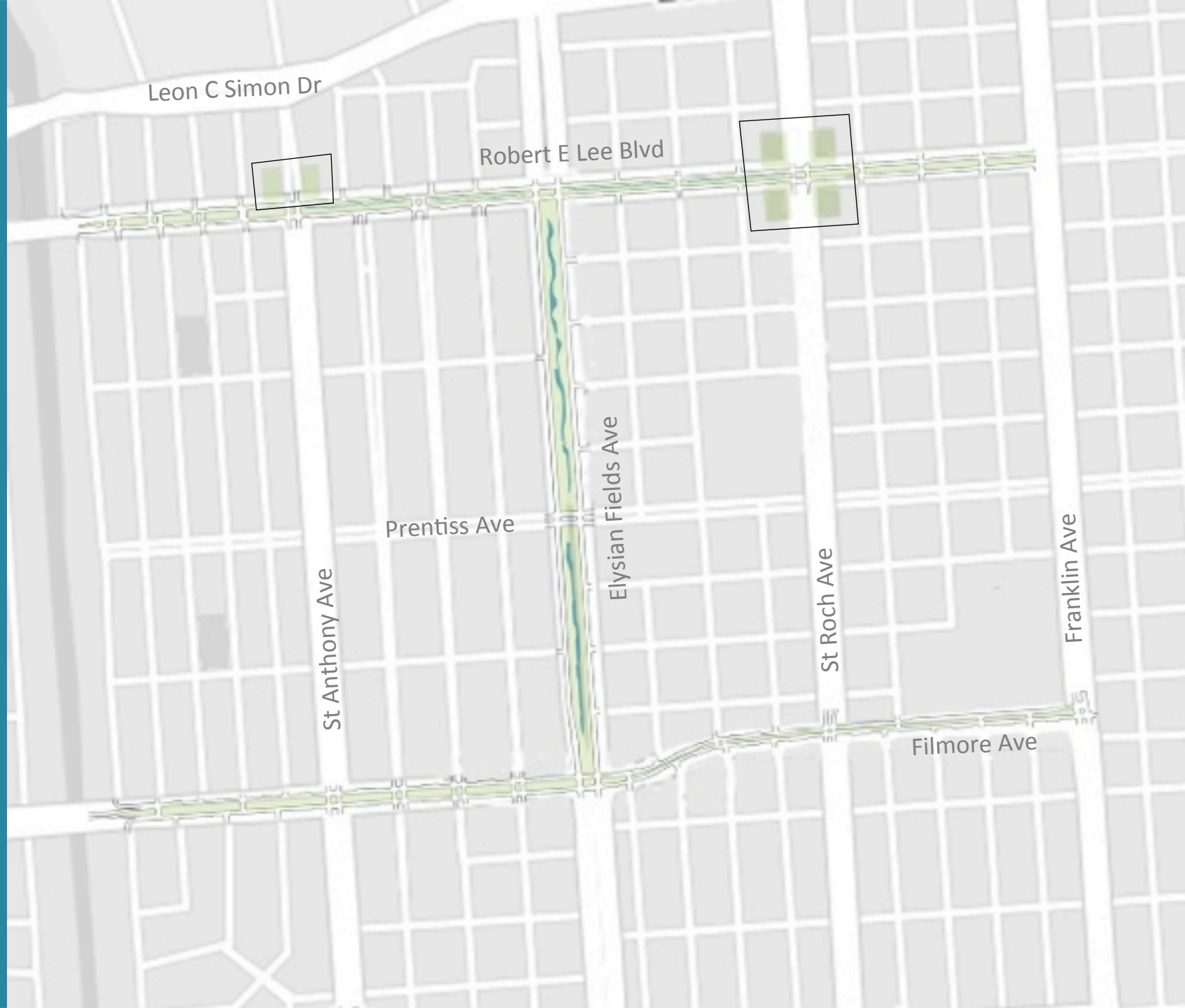
Pedestrian and Bike Facilities

Phase III

Stormwater Lots on
Robert E Lee Blvd
$7 million

Elements:

- Stormwater Storage
- Playgrounds
- Community Centers



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Phase III

Stormwater Lots

Community Centers

Recreational Focal Point

Stormwater Storage

Parks during dry weather

Phase III

Stormwater Lots

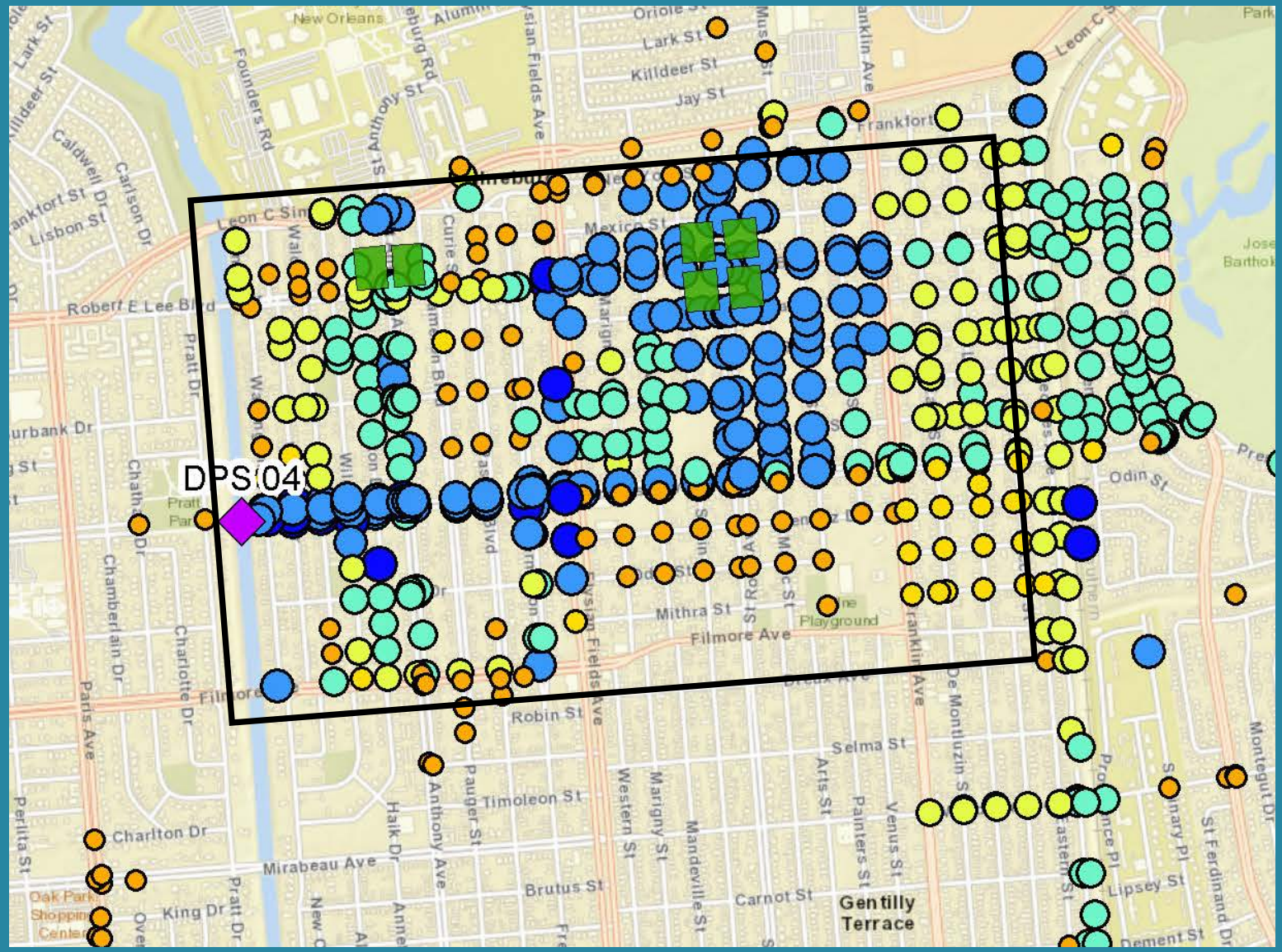
Community Centers

Recreational Focal Point

Stormwater Storage

Parks during rainy weather

Flood Reduction



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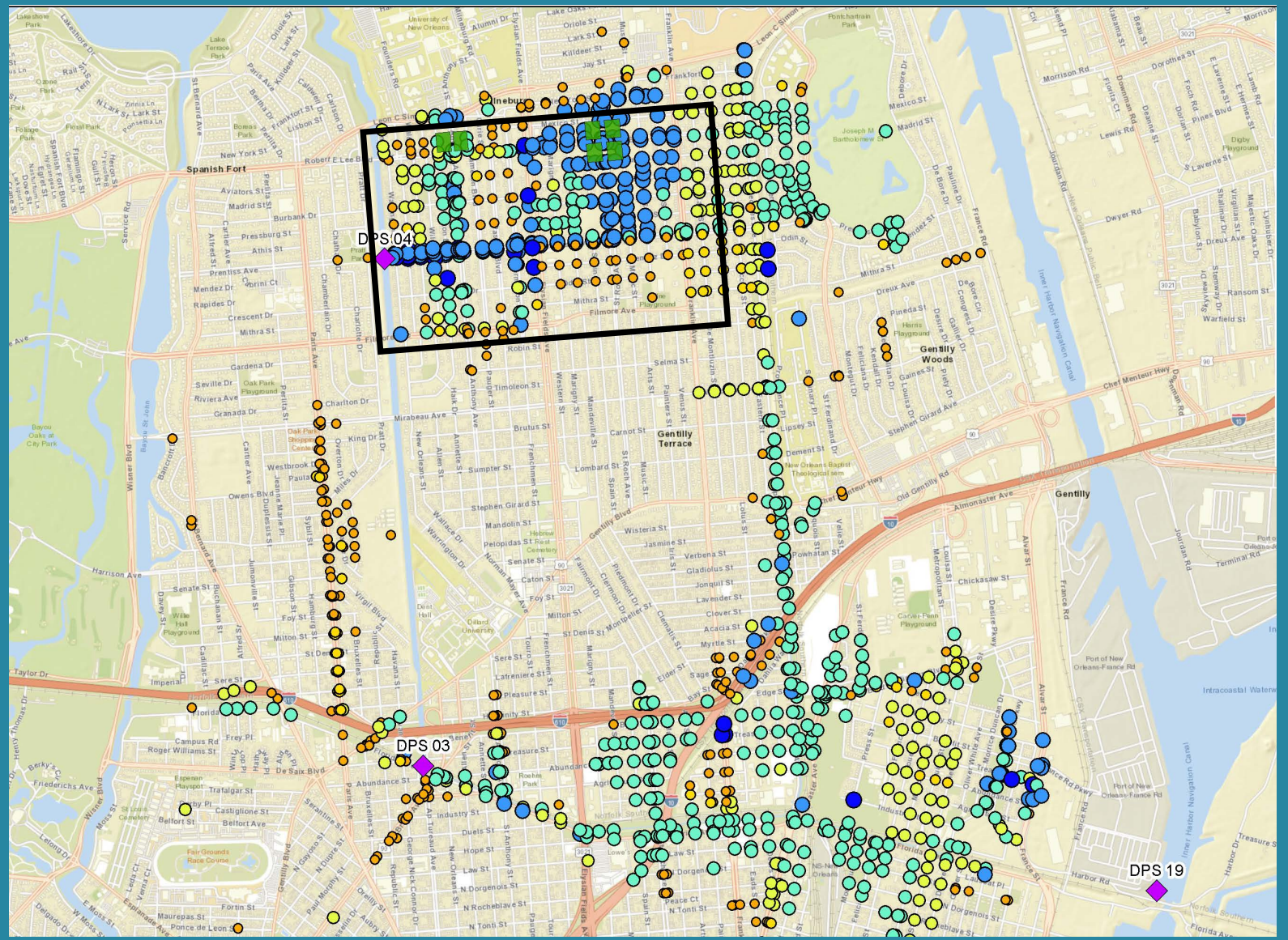
Flood Reduction

Larger System Impacts

- Drainage system interconnected
- Flood reduction benefits exist inside and outside of project area



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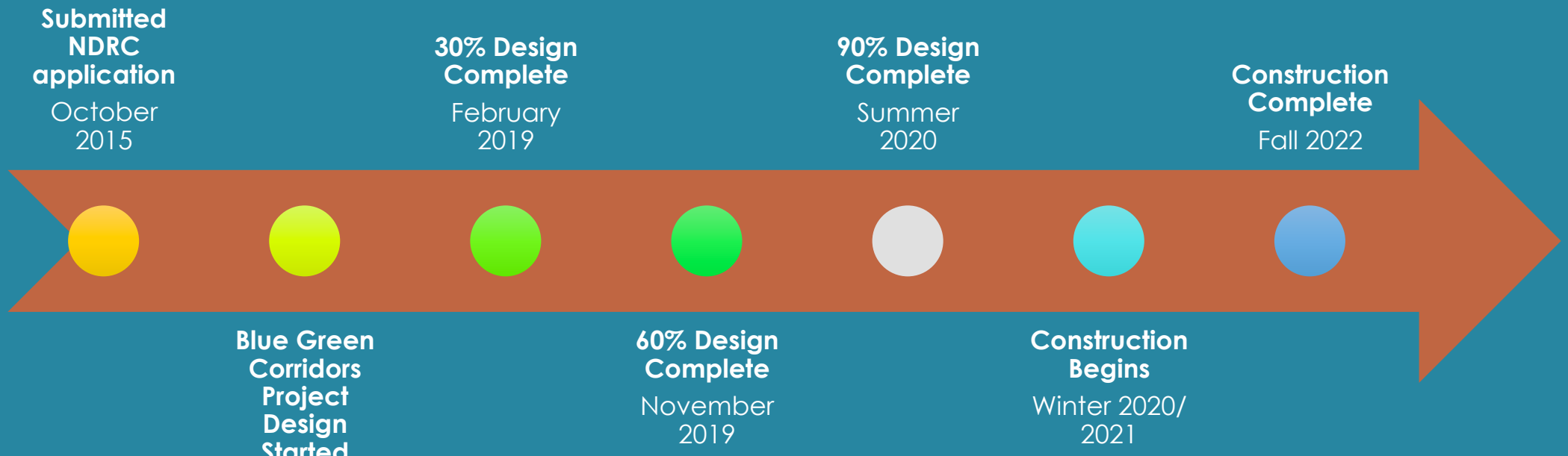
Schedule


Submitted NDRC application
October 2015
Blue Green Corridors Project Design Started
May 2018
30% Design Complete
February 2019
60% Design Complete
November 2019
90% Design Complete
Summer 2020
Construction Begins
Winter 2020/ 2021
Construction Complete
Fall 2022

Blue & Green Corridors

90% Design Update Community Meeting

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